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Alexis Strauss to: DavidW Smith

03/21/2011 03:08 PM

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From: Jim Hanlon/DC/USEPA/US
To: OW-Water Division Directors
Cc: Deborah Nagle/DC/USEPA/US@EPA, Js Wilson/DC/USEPA/US@EPA
Date: 03/21/2011 10:22 AM
Subject: Marcellus Shale Q and A's
Sent by: Louis Eby

Water Division Directors:

The attached document describes shale gas production, current discharge options under the NPDES program, and treatment and water quality issues associated with hydraulic fracturing flowback waters.

If you have any questions, please contact Deborah Nagle, Acting Director of the Water Permits Division, (202) 564-1185, or have your staff contact Scott Wilson of the Industrial Branch at (202) 564-6087 or Wilson.js@epa.gov.



Marcellus Qs&As cover memo.pdf



Marcellus Shale Qs & As 3-17-11 final.pdf